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SHIP WELDING MACHINES, TRANSFORMERS TO GES PROJECTS; B''LD ELECTRICAL CONTROL EQUIPMENT

LENINGRAD PLANT BUILDS WELDING MACHINES -- Moscow, Pravda, 9 Jun 51

The Leningrad Elektrik Plant has shipped new-design welding machines to the construction projects 1½ months ahead of time.

Leningradskaya Pravda, 3 Jul 51

The Leningrad Elektrik Plant has shipped 150-kilovolt-ampere butt welding machines to the Tsimlyanskaya GES project, and seven welding machines and 20 transformers to the Stalingrad GES project.

The plant is working on 500-kilovolt-ampere hydraulic butt welding machines for welding reinforced-concrete fittings 100 millimeters in diameter and up to 40 meters long.

Alma-Ata, Kazakhstanskaya Pravda, 5 Jul 51

The Leningrad Elektrik Plant has finished testing two new butt welding machines for the Volga-Don Canal project. The machines were assembled by high-speed methods.

Leningradskaya Pravda, 8 Jul 51

The Leningrad Elektrik Plant makes the SAK-2 mobile welding machine, but to use it as a mobile unit, the purchaser has to install guards on the belt drive and make other necessary alterations. In answer to complaints on this score, the plant replies that the Ministry of Electrical Industry has approved the design of the welder. Does this make the plant immune to practical criticism and the demands of the purchaser? -- A. Migukin, engineer

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Leningradskaya Pravda, 18 Jul 51

The Leningrad Elektrik Plant has shipped three butt welding machines and ten welding aggregates to the Tsimlyanskaya GES project.

SHIPS TRANSFORMERS TO PROJECTS -- Yerevan, Kommunist, 2 Jun 51

The Yerevan Electrical Repair Plant shipped a consignment of welding transformers to the construction projects in May 1951 and is now preparing to ship another consignment.

SHIPS TRANSFORMERS TO STALINGRAD GES PROJECT -- Yerevan, Kommunist, 31 Aug 51

The Yerevan Electrical Machine Building Plant has shipped 22 power transformers to the Stalingrad GES project ahead of time.

COMPLETES PLANS AHEAD OF SCHEDULE -- Tashkent, Pravda Vostoka, 29 Jun 51

The Chirchik Elektroshchit Plant has completed its 6-month program in 5 months. The plant completed the June plan on 25 June. Before the end of June, 500,000 rubles' worth of above-plan production will be turned out. Production cost of goods will be lowered 2.5 percent beyond the plan. Capital turnover has been accelerated.

Labor productivity has been increased 20 percent by converting lathes to high-speed metal-cutting methods. Best results were obtained in the panel shop.

The plant has received an order for a large consignment of transformers. The Ministry of Cotton Growing Uzbek SSR has ordered distribution panels for electric power substations in cotton-cleaning plants.

MAKES ELECTRICAL EQUIPMENT FOR PROJECTS -- Kiev, Pravda Ukrainy, 22 Mar 51

The Kharkov Electrical Machinery Plant makes a vital component of the giant walking excavators produced at the Uralmash and Novo-Kramatorsk plants, the 52-ton aggregate which supplies current to the motors.

Kiev, Pravda Ukrainy, 10 Jun 51

Shop M-3 of the Kharkov Electrical Machinery Plant recently built a set of machinery for the 14-cubic-meter walking excavator.

Shop A-2 is one of the basic producers of electrical equipment for the projects, and in the past month has shipped dozens of rheostats and regulators for exciters to the Main Turkmen Canal project. The shop made far more rheostats for the Kuybyshev GES project than provided for by the pla .

The formation of a mixed complex brigade has shown good results, and 16 motor stators made for the projects by the brigade received a high rating. However, there is not enough coordination between the foundry and forging shops on the one hand and the machine and assembly shops on the other.

MAKES CONTROL EQUIPMENT -- Moscow, Vechernyaya Moskva, 2 Jun 51

The Elektroprivod Trust, Ministry of Electrical Industry USSR, supplies complex equipment for the automatic control of rolling mills, blooming mills, paper-making machines, and hoisting equipment.

The trust is working on automatic equipment to control the transformers, synchronous motors, and pumps at the Volga-Don Canal project. This automatic equipment signals the engineer on duty if anything goes wrong. By looking at the control board, the man on duty can immediately find out which unit is not functioning properly.

One dispatcher operates the pumping station from a distance of dozens of kilometers. To perform various operations, he has only to press various buttons, after which automatic relays set up to 16 mechanisms in motion in the correct order and at the correct intervals. If the dispatcher makes a mistake, a protective relay corrects it and performs the operation correctly.

The automatic control equipment was designed by V. Khodnev, leading engineer of the /Volga-Don Canal/ project, under the direction of V. Girshberg, chief designer of the Elektroprivod Trust, and aided by G. Galenkina, senior designer, Ye. Sytnikova, senior engineer, and L. Dubov, designer.

The first six panels of the automatic equipment were completed a month ahead of time, and two more panels will be completed by 10 June.

Moscow, Vechernyaya Moskva, 7 Jun 51

The Electrical Machinery Shop of the Moscow Office, Elektroprivod Trust, is building complex equipment for the automatic control of the pumping stations on the Volga-Don Canal project.

DINAMO PLANT REMEDIES SHORTCOMINGS -- Moscow, Moskovskaya Pravda, 26 Jul 51

The workers of the Moscow Dinamo Plant have promised to fulfill the 1951 plan by 20 December. In 1950, the plant fulfilled the plans for gross and commodity production, but not the plan for types of goods. The plant did not produce its quota of crane motors, mining equipment, subway and suburban railroad train equipment, and other products. The plant also failed to fulfill the plan for lowering the production cost of goods. The basic reasons for these failures were the sporadic output of products and great losses due to rejects.

Many of these failings were eliminated in the first 6 months of 1951. In this period, the plant exceeded the plans for gross and commodity production, at the same time producing the full range of types of output. Production of crane motors increased 28.5 percent over the corresponding period in 1950, production of electrical equipment for industrial electric locomotives increased more than 1½ times, and the output of mining equipment increased considerably.

The plant has organized the production of direct-current crane motors with detachable frames, traction motors for electric locomotives used in mining, and disk brakes.

The plant saved 300 tons of metal in May and June, and exceeded the plan for lowering the production cost of goods in the first 6 months of 1951. In 1950, losses due to rejects made up 2.2 percent of the production cost of finished products; this year they were lowered to 1.44 percent.

The most important task facing the plant in the second half of 1951 is to increase the output of alternating current motors. To accomplish this task, a special section is being set up for the production of large-size crane motors.

The foundry is responsible for 50 percent of the plant's losses due to rejects, which caused the plant a loss of 795,000 rubles in 6 months.

ASSEMBLES CONTROL BOARDS FOR CANAL LOCKS -- Leningradskaya Pravda, 7 Jun 51

The apparatus for automatically regulating the water level in the locks of the Volga-Don Canal was constructed by the Kiev Tochelektropribor Plant, and the main control board for the locks was assembled by the Moscow Dinamo Plant.

Kishinev, Sovetskaya Moldaviya, 24 Jun 51

In June, workers of the Moscow Dinamo Plant agreed to make three sets of control panels and three central control boards instead of two for the locks of the Volga-Don Canal project. On 22 June, the first set of panels and the first central control board were sent to be crated.

At the beginning of this year, plant workers decided to build the equipment for all 15 locks of the Volga-Don Canal by 5 December.

Moscow, Vechernyaya Moskva, 2 Jul 51

On 30 June, the Moscow Dinamo Plant completed five sets of equipment for the Volga-Don Canal locks, including panels and central control boards, instead of the three planned. Work is starting on the sixth and seventh control panels.

The plant has made 2 million rubles' worth of equipment for the Volga-Don Canal project since the beginning of 1951.

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